

Converting Colors

YUV(67.6500, 30.7385,
-59.3291)

Have a look what the booklet for
YUV(67.6500, 30.7385, -59.3291)
contains.

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Color

**YUV(67.6500, 30.7385,
-59.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	005A82
RGB	0, 90, 130
RGB Percent	0%, 35%, 51%
CMY	1.0000, 0.6471, 0.4902
CMYK	1.00, 0.31, 0.00, 0.49
HSL	198°, 100%, 25%
HSV	198°, 100%, 51%
XYZ	7.6854, 8.9240, 22.4365
YIQ	67.6500, -66.4800, -6.6400

Conversions

Conversions Part 2

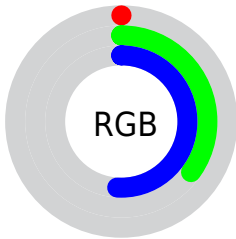
Format	Color
RYB	0, 53, 130
Decimal	23170
CIELab	35.84, -7.23, -28.76
CIELCh	36, 29.649, 255.894
Yxy	8.9240, 0.1968, 0.2286
Android (android.graphics.Color)	4278213250 (0xFF005A82)
YUV	67.6500, 30.7385, -59.3291
Hunter-Lab	29.8731, -6.3554, -23.6192

Details

The YUV color **67.6500, 30.7385, -59.3291** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **62.3500, -30.7385, 59.3291**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3640, 27.9215, -42.4152**, and **35.5350, 21.9212, -31.1642** is the 20% darker color. If you saturate the color by 10%, you get **67.6500, 30.7385, -59.3291**, and if you desaturate by 10%, it is **73.8850, 27.6647, -53.3961**.

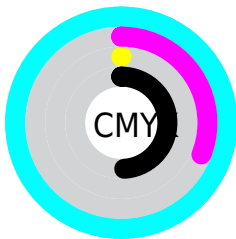
Distribution



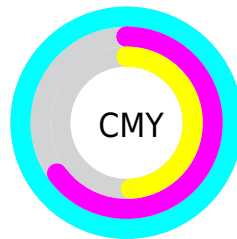
- Red (0%)
- Green (35%)
- Blue (51%)



- Red (0%)
- Yellow (21%)
- Blue (51%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6500, 30.7385, -59.3291 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 67.6500, 30.7385, -59.3291 by changing the saturation by 10% instead.

■ 67.6500, 30.7385,
-59.3291

■ 67.6500, 30.7385,
-59.3291

■ 255.0000, 0.0000,
0.0000

■ 51.2990, 26.4746,
-44.9892

■ 126.3640, 27.9215,
-42.4152

■ 35.5350, 21.9212,
-31.1642

■ 153.1900, 28.5003,
-41.3856

■ 21.1730, 17.6627,
-18.5687

■ 180.6030, 28.7897,
-40.8708

■ 5.1640, 14.7091,
-4.5288

■ 207.2350, 23.5481,
-39.6711

■ 1.2540, 4.8048,
-1.0998

■ 232.9290, 10.8810,
-36.7717

■ 0.0000, 0.0000,
0.0000

■ 244.5350, 5.1592,

-21.5172

253.5050, 0.7370,
-3.0739

67.6500, 30.7385,
-59.3291

73.8850, 27.6647,
-53.3961

80.1200, 24.5908,
-47.4632

86.3550, 21.5170,
-41.5303

92.5900, 18.4431,
-35.5974

98.8250, 15.3693,
-29.6645

■ 105.0600, 12.2954,
-23.7316

■ 111.2950, 9.2216,
-17.7987

■ 117.5300, 6.1477,
-11.8658

■ 123.7650, 3.0739,
-5.9329

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2170, 24.0500, -60.7033



67.6500, 30.7385, -59.3291



83.2860, 23.0300, -13.4058

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6500, 30.7385, -59.3291



85.0480, -5.9397, 38.5459



77.9320, -13.7705, -16.6034

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.6500, 30.7385, -59.3291



62.3500, -30.7385, 59.3291

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0010, -21.6925, 4.3841



67.6500, 30.7385, -59.3291



83.6810, -16.1117, 34.4828

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6500, 30.7385, -59.3291



86.5770, 5.1385, 31.9430



82.9970, -22.1835, 21.9276



70.5400, 0.7198, -44.3236

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6500, 30.7385, -59.3291



86.1420, 18.1710, 5.1375



82.9970, -22.1835, 21.9276



79.0640, -17.2866, -8.8261

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.6500, 30.7385, -59.3291



144.2450, 11.7112, -23.0169



80.7560, -20.5857, -70.8230



69.7470, 7.0267, -13.8101



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6500, 30.7385, -59.3291



87.8310, 39.5233, -77.0278



30.0820, 49.2596, -26.3819



60.7330, 1.6106, -3.2738



66.2480, 30.4437, -58.0995



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.1300, 20.1489, 70.9230



63.5700, 26.3410, 91.5851



99.9180, -49.2596, 26.3819



59.6630, 1.1521, 3.8035



48.3040, 19.5701, 69.8934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.6500, 30.7385, -59.3291 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 67.6500, 30.7385, -59.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

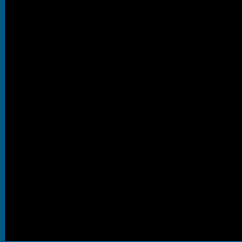
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.6500, 30.7385, -59.3291 Background



This preview shows how black text looks on a background with the YUV color 67.6500, 30.7385, -59.3291.



This preview shows how white text looks on a background with the YUV color 67.6500, 30.7385,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Protanopia

84.0860, 19.6776, -11.4764

Deuteranopia

82.1820, 24.0673, -19.4536

Tritanopia

66.6920, 16.9138, -58.4889

Trichromacy



Protanomaly

78.3010, 23.5156, -29.2050

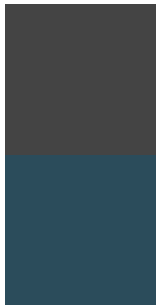
Deuteranomaly

76.7780, 26.7314, -34.0083

Tritanomaly

67.3590, 22.0080, -59.0738

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8430, 11.4164, -21.7873

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6500, 30.7385, -59.3291 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 130) }
```

Border

The CSS property to change the border of an element to YUV 67.6500, 30.7385, -59.3291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 90, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 90, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 90, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 130)  
}
```


Background

The CSS property to change the background color of an element to YUV 67.6500, 30.7385, -59.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 90,  
130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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